

Metalfilm Resistor BP 0617

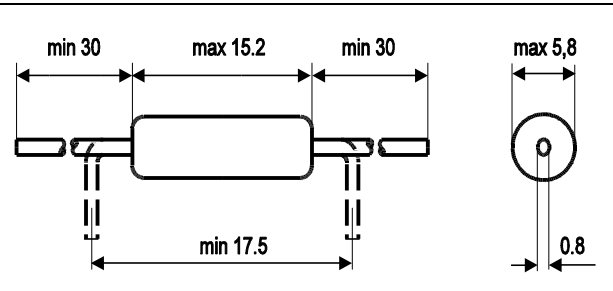
► Resistance ranges, tolerances and TC's

TC ($\times 10^{-6}/^{\circ}\text{C}$)	0.05%	0.10%	0.25%	0.50%	1%
± 10	240R - 250K	100R - 250K	50R - 250K	20R - 510K	20R - 510K
± 15	240R - 250K	100R - 250K	50R - 250K	20R - 510K	20R - 510K
± 25	240R - 510K	100R - 1M	50R - 2M	20R - 5M	10R - 5M
± 50	100R - 510K	50R - 10M	10R - 10M	5R - 10M	3R - 10M

All values within the resistance range are available.

► Ratings by CECC 40 101-806

► Dimensions

Thermal resistance R_{th}	max. 85 K/W	
Limited element voltage	$\cong 500\text{ V}$	
Rated dissipation	P_{70} ($\vartheta_o = 125\text{ }^{\circ}\text{C}$) P_{40} ($\vartheta_o = 125\text{ }^{\circ}\text{C}$)	0.65 W 1.0 W
Insulation voltage		$> 900\text{ V}$
Insulation resistance		$> 10^{10}\ \Omega$
Temp. characteristics	$TC \geq (0 \pm 25 \times 10^{-6})$ $TC \leq (0 \pm 15 \times 10^{-6})$	- 25 °C bis 125 °C - 10 °C bis 85 °C
Voltage coefficient		$< 0,5 \times 10^{-6} / \text{V}$

► Characteristics

Climatic category		55 / 125 / 56
Low air pressure		min 1,0 kPa
Temp. rise at rated dissipation		$\vartheta_r \leq 55\text{K}$
Current noise		s. p. 2
Non-linearity		s. p. 2
Weight (100 pcs.)		ca. 115 g
Marking		letter
Cleaning solvents	For the removal of flux can be used: ethanol, methanol, isopropanol, propanol, butanol and water; reaction time max. 5 minutes	
Taping		IEC 286 part1
Tape width	85 mm	
Tapebandwidth	6 mm	
step	10 mm	
Volumes > 300 pcs are taped		
Specific Products		
Preloaded "V"	The resistors are conditioned 100 h with rated power or rated voltage.	
Sorting	A sorting into groups depending on tolerances and temperature characteristics (into the next better group) is available.	

